



# JUNO SLIMFORM™ LED SURFACE MOUNT DOWNLIGHTS

FOR J-BOX INSTALLATION  
5", 7", 12", 14" SQUARE

JSFSQ SERIES



Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

## PRODUCT DESCRIPTION

Sleek, ultra-low profile energy efficient LED surface mount downlights in multiple sizes from 5" to 14" • Provides economical installation by mounting directly over standard and fire-rated junction boxes • Optional finish trims and shrouds available for custom, designer look similar to standard recessed downlights • Provides general illumination in residential and commercial applications including multi-family and hospitality • Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas without Emergency Option and much more.

## PRODUCT SPECIFICATIONS

**Construction** Shallow, less than 1", solid square housing with white finish • Non conductive fixture for shower light applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture • Optional, field installable decorative baffle and cone shrouds for 5" and 7" versions provide the aesthetic and source shielding similar to the experience of a fully recessed downlight.

**Optics** Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

**LED Light Engine** LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • 2700K, 3000K, 3500K or 4000K LED color temperature • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

**LED Driver** Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver on 5" and 7" models only • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

**Life** Rated for 50,000 hours at >70% lumen maintenance.

**Labels** ENERGY STAR® certified • Certified to the high efficacy requirements of California T24 JA8-2016 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings).

**Testing** All reports are based on published industry procedures; actual performance may differ as a result of the end-user environment and applications. All values are design or typical values, measured under laboratory conditions at 25 °C.

**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

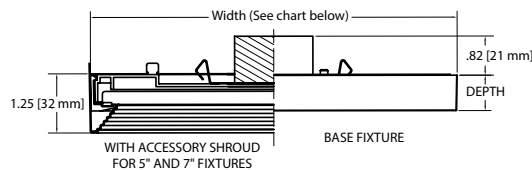
Specifications subject to change without notice.

## INSTALLATION

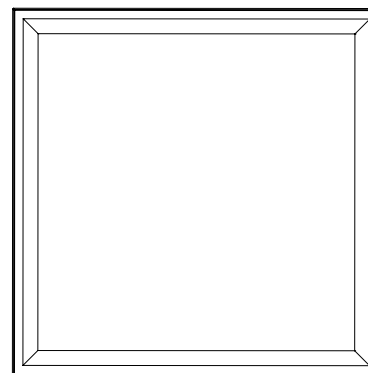
**Junction Box Mounting** Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible boxes include 4" metal or plastic octagonal standard and fire-rated junction boxes (3 1/2" junction box screw-hole spacing required for installation) • Minimum 2 1/8" deep junction box required for 5" and 7" fixtures (no depth requirement for 12" and larger fixtures) • Quick mount bracket provides fast installation of fully assembled fixture to junction box • Suitable for ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements. **Junction box sizes vary - Verify compatibility with fixture prior to installation**



## DIMENSIONS



External driver available on 5" and 7" models only.



## SQUARE SPECIFICATIONS

	Width	Depth
JSFSQ 5IN	5.25 (13.34)	0.75 (1.91)
JSFSQ 7IN	7.77 (19.74)	0.75 (1.91)
JSFSQ 12IN	12.07 (30.66)	0.9 (2.29)
JSFSQ 14IN	14.18 (36.02)	0.9 (2.29)

All dimensions are in inches (centimeters) unless otherwise indicated.

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## PERFORMANCE DATA

	JSFSQ 5IN		JSFSQ 7IN		JSFSQ 12IN		JSFSQ 14IN	
	120V	MVOLT	120V	MVOLT	120V	MVOLT	120V	MVOLT
Lumens	700	700	1000	1000	1300	1300	1800	1800
CRI	90CRI		90CRI		90CRI		90CRI	
CCT	27K, 30K, 35K, 40K		27K, 30K, 35K, 40K		27K, 30K, 35K, 40K		27K, 30K, 35K, 40K	
Voltage	120V	120V-277V	120V	120V-277V	120V	120V-277V	120V	120V-277V
Input Power	10W	10W	13W	13W	15W	15W	20W	20W
Input Current	110MA	50MA	150MA	60MA	180MA	80MA	240MA	110MA
Frequency	50/60Hz		50/60Hz		50/60Hz		50/60Hz	
Power Factor	>0.9		>0.9		>0.9		>0.9	

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## ORDERING INFORMATION

Example: JSFSQ 5IN 07LM 30K 90CRI 120 FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish
JSFSQ SlimForm Surface Mount Downlight - Square	5IN 07LM	5", 700 Lumens	27K	120 FRPC** Dedicated 120V, Forward Reverse Phase Dimming MVOLT ZT** Universal Voltage 120V-277V, 0-10V Dimming	WH White
	7IN 10LM	7", 1000 Lumens	30K		
	12IN 13LM	12", 1300 Lumens	35K		
	14IN 18LM	14", 1800 Lumens	40K		
			2700K 3000K 3500K 4000K	90CRI 90+ CRI	

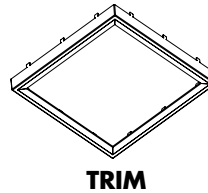
\*\*Limited stock remaining. See table below for available ordering options.

## ACCESSORIES

**TRIM** – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFSQTRIM 5IN BL

Series	Size	Finish
JSFSQTRIM SlimForm Accessory Trim - Square	5IN 5 inches	BL Black
		SN Satin Nickel



### \*\*Remaining Ordering Options

#### JSFSQ 120V Fixtures

Option Value	Catalog Number
5IN	JSFSQ 5IN 07LM 30K 90CRI 120 FRPC WH M6
7IN	JSFSQ 7IN 10LM 30K 90CRI 120 FRPC WH M6
14IN	JSFSQ 14IN 18LM 27K 90CRI 120 FRPC WH M6
14IN	JSFSQ 14IN 18LM 30K 90CRI 120 FRPC WH M6
14IN	JSFSQ 14IN 18LM 40K 90CRI 120 FRPC WH M6

### \*\*Remaining Ordering Options

#### JSFSQ MVOLT Fixtures

Option Value	Catalog Number
5IN	JSFSQ 5IN 07LM 30K 90CRI MVOLT ZT WH M6
5IN	JSFSQ 5IN 07LM 40K 90CRI MVOLT ZT WH M6
7IN	JSFSQ 7IN 10LM 27K 90CRI MVOLT ZT WH M6
7IN	JSFSQ 7IN 10LM 30K 90CRI MVOLT ZT WH M6
7IN	JSFSQ 7IN 10LM 40K 90CRI MVOLT ZT WH M6
14IN	JSFSQ 14IN 18LM 30K 90CRI MVOLT ZT WH M6

To view a spec sheet of our newly launched Switchable 5CCT fixtures see [JSFSQ-5IN-7IN](#) or [JSFSQ-12IN-14IN](#)

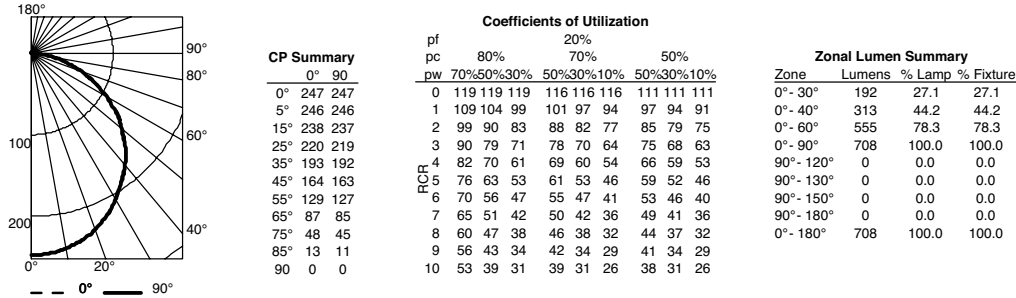
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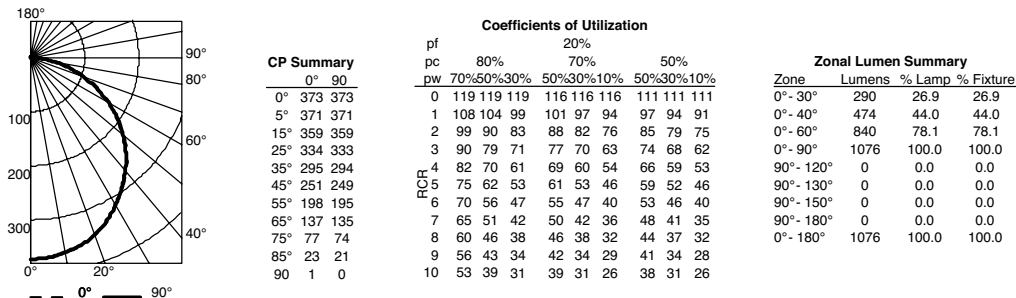
## PHOTOMETRICS

**Distribution Curve      Distribution Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

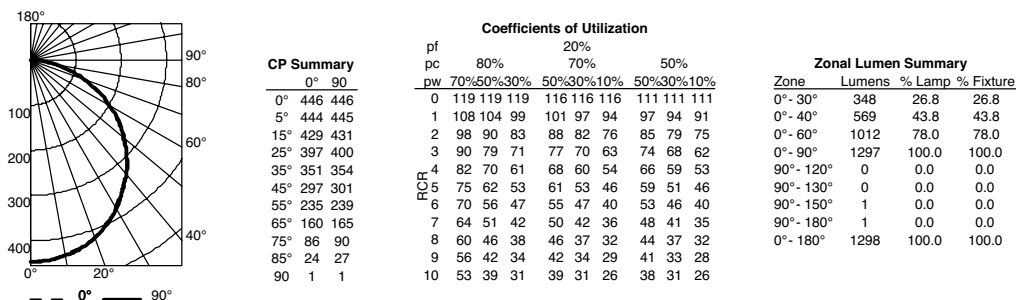
**JSFSQ 5IN 27K**, 2700K LEDs, input watts: 9.8, delivered lumens: 708, LM/W = 72.2, test no. ISF 33598, tested in accordance to IESNA LM-79.



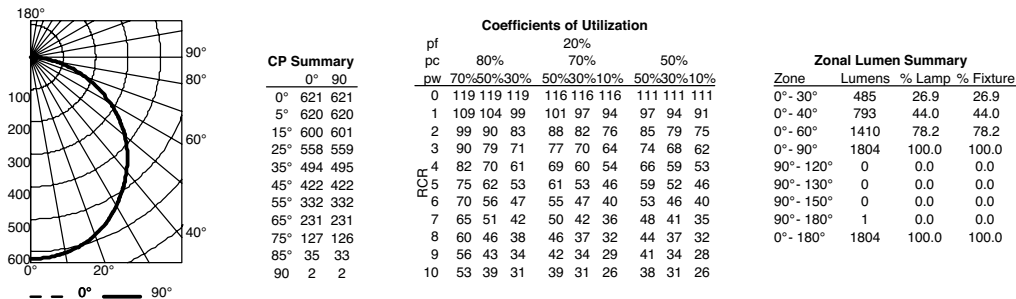
**JSFSQ 7IN 27K**, 2700K LEDs, input watts: 12.9, delivered lumens: 1076, LM/W = 83.4, test no. ISF 33601, tested in accordance to IESNA LM-79.



**JSFSQ 12IN 27K**, 2700K LEDs, input watts: 14.7, delivered lumens: 1298, LM/W = 88.3, test no. ISF 33664, tested in accordance to IESNA LM-79.



**JSFSQ 14IN 27K**, 2700K LEDs, input watts: 20.4, delivered lumens: 1804, LM/W = 88.4, test no. ISF 33662, tested in accordance to IESNA LM-79.



For 30K fixtures, use 1.02 multiplier; For 35K fixtures, use 1.03 multiplier; For 40K, use 1.07 multiplier.